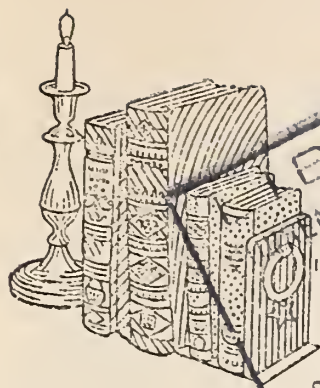


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LIBRARY NEWSLETTER

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ALBUQUERQUE BRANCH
Box 1348
Albuquerque, N. M.

220 East Central
Aug.-Sept. 1950

NOTICE

"Jiffy Bags" are now being used for mailing library books.

Please open these carefully and save them for returning books to the Albuquerque Branch.

Cover postal marks and seal the envelope with heavy tape. Place a new franked label addressed to the Library over the old label and the book is ready for the mail.

Please do not mail books in ordinary brown envelopes unless they are first wrapped in corrugated paper.

PHOTOPRINT SERVICE

The free photostat and microfilm service initiated a few years ago by the Library must be discontinued because of the drastic reduction of the Library budget for this fiscal year.

EXCEPTION: Bureau of Plant Industry and Farm Credit Administration employees will continue to receive photoprints as formerly since lump sum payments have been made to the Library by these agencies to cover the cost. Other agencies may elect to make this arrangement so watch the Newsletter for information on this.

Send requests for books, periodical articles or bulletins to the Albuquerque Branch on Library Request Form AD-245 and we will:

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CATTLE EMPIRE*
THE FABULOUS STORY OF THE 3,000,000 ACRE XIT

By Lewis Nordyke

Comments by Norris A. Jackson, Info. & Edit. Spec.
U. S. Soil Conservation Service, Albuquerque N. M.

"Cattle Empire", the fabulous story of the 3,000,000-acre XIT ranch in the West Texas Panhandle, is indeed a story of conservation of the pioneer era. Louis Nordyke, editor of an Amarillo, Texas newspaper, went all out in stressing the problems encountered by the Capitol Freehold Land Investment Co., Limited, as they operated the world's largest cattle spread.

From the start, in 1882, ranch managers emphasized the need for fencing to control their herds and to exclude trespass livestock from their short-grass empire. They built the straightest stretch of fence recorded by history: 40 miles without a corner or gate. They learned that water was the top limiting factor in complete development of the area. They learned, through hard experience, that fire guards were their only means of combatting the seared ground, fire-bleached cattle bones and blinding smoke brought only by the west's most feared enemy: range fires.

In a fascinating style of reporting, Nordyke noted the feelings of the cowboys as they were transposed from the strict range rider and round-up hand to farmers, fence builders and well drillers. Easy to read--interesting, too-- the book could well have been a tribute to the efforts of the XIT owners to improve range conditions during 1880-1912, rather than to glorify them as the unprofitable operators of the world's largest and most disliked cattle ranch.

*Nordyke, Lewis. CATTLE EMPIRE, THE FABULOUS STORY OF THE 3,000,000 ACRE XIT
W. Morrow, 1949 273 p. 138 N75

SELENIUM*

By S. F. Trelease and O. A. Beath

Comments by Charles H. Diebold, Soil Scientist

U. S. Soil Conservation Service, Albuquerque, N.M.

Since large areas in the Southwest are seleniferous, this book should be widely read. It is well illustrated with pictures of selenium indicator plants. The up to date chapters on selenium poisoning in animals and in relation to public health are especially pertinent for those concerned with range management and dry farming. The authors infer that the dangers of selenium poisoning to humans deserves more consideration than has been accorded by public authorities.

Trelease, S. F. and Beath, O. A. SELENIUM; ITS GEOLOGICAL OCCURRENCE AND ITS BIOLOGICAL EFFECTS IN RELATION TO BOTANY, CHEMISTRY, AGRICULTURE, NUTRITION, AND MEDICINE. S. F. Trelease, 1949 292 p. 391 T71

WORK MEASUREMENT

TECHNIQUES FOR THE DEVELOPMENT OF A WORK MEASUREMENT SYSTEM. U.S. Bureau of the Budget. 65 p. 1950 151.281 T22

WORK MEASUREMENT IN PERFORMANCE BUDGETING AND MANAGEMENT IMPROVEMENT. U.S. Bureau of the Budget. 30 p. 1950 151.281 W893

A WORK MEASUREMENT SYSTEM, DEVELOPMENT AND USE (A CASE STUDY) U.S. Bureau of the Budget. 44 p. 1950 WFC

NEW BOOKS RECENTLY RECEIVED IN THE LIBRARY

AMERICA'S NEW FRONTIER, THE MOUNTAIN WEST, By M. E. Garnsey. 314 p. Knopf
1950 138 G18

This book examines the economy of the West, sketches briefly the history of its rise and decline, and describes the place of the Mountain West in the American economy.

Dr. Garnsey, professor of economics at the University of Colorado, sees the Mountain West as a new frontier for America. "The possibilities of future stagnation of the region seem great", he writes in his preface; "but, on the other hand, so do the opportunities for development. The divide upon which we stand today need not be the last divide if we firmly seize the opportunities that are before us. And should the major economic expansion that potentially exists in the Mountain West take place ... then we can truly say that in the decades ahead the West will again become a new frontier in American life - an economic frontier, a conservation frontier, and a frontier in political liberalism."

FARM MANAGEMENT CROP MANUAL, By R. L. Adams and A. D. Reed. 185 p. Univ. of California Press. 1950. 281.010 Ad1

The first part of this manual is a discussion of prices received by producers and basic determination of various costs. These determinations include examples of wages; charges for management; costs of work animals; tractors, and trucks; cost of contract operations; charge for use of implements, machinery, and minor equipment; irrigating; and weights of commodities per bushel.

These basic cost determinations are followed by detailed examples of typical costs of producing selected crops.

FORAGE CROPS, By G. H. Ahlgren. 418 p. McGraw-Hill. 1949 60 Ah4

"The author has done a commendable job in treating the more important grasses and legumes as to the best cultural methods and their place of use in American agriculture. Considerable space is devoted to alfalfa; its history, range, extent of use, varieties and strains. Soil improvement practices, seedbed preparation, selecting seed, seed placement, and companion crops are discussed. Hay standards, as well as quality of forage production and the economy of labor saving, has been covered. Grass silage is discussed. Both the advantages and disadvantages of an "all grass" program are presented.

"Every soil conservationist working with farmers will find much helpful information in this book. Its greatest weaknesses are those of omission. Little or no information is presented on utilization of forages through livestock; forage harvesting and handling could have been expanded considerably in this day of mechanization; and the value of the sod crop more adequately treated; and some of the lesser known newer grasses and legumes may well have been included." Comment by Mauric E. Heath, Agronomist, U.S. Soil Conservation Service, Big Flats, New York

WATER AND MAN: A STUDY IN ECOLOGY, compiled and edited by Jonathan Forman and Ollie E. Fink. 407 p. Friends of the Land. 1950

This is the record of what was said when nearly a score of top-flight authorities on the subject of water and its relation to man's life and work were brought from all parts of the country by Friends of the Land to address their Eighth Annual Conference on Conservation, Nutrition and Health. In 28 chapters, annotated by Jonathan Forman and with the addition of essays the editors believed pertinent, water is brought into focus. The papers deal with watershed management, city and country water supplies, drainage and irrigation projects, the future of rivers and harbors, power developments and human culture.

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RELATED SUBJECTS. U.S. Bur. of Plant Ind., Soils, and Agr. Eng. Infor. Ser. 68
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- PUMPING FOR IRRIGATION. SCS-TP-89. 1950 1.96 Ad6Tp
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FREEZERS. Mich. Agr. Exp. Sta. Tech. Bul. 218. 1949 100 M58St

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- HOW TO PRUNE PEACH TREES IN UTAH. Utah Ext. Bul. 199 275.29 Ut1b
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